

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001577

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61K 6/06, C04B 28/00, C04B 24/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61K, C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03082765 A1 (UNITED STATES GYPSUM COMPANY), 9 October 2003 (09.10.2003), page 4, line 14 - line 20; page 6, line 9 - page 8, line 25	11-16,18-20
Y		17
A	--	1-10,21-26
X	GB 1497022 A (CHRISTIAN DUSSEL), 5 January 1978 (05.01.1978), page 1, line 31 - line 75; page 2, line 3 - line 24	11-16,18-20, 21-26
Y		17
A	--	1-10

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

7 March 2005

Date of mailing of the international search report

08-03-2005

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM

Authorized officer

Nils Engnell/MP

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5063257 A (SHOJI AKAHANE ET AL), 5 November 1991 (05.11.1991), column 1, line 66 - column 2, line 26	17
A	--	1-16,18-26
A	WO 02090292 A2 (BALMORAL TECHNOLOGIES (PROPRIETARY) LIMITED), 14 November 2002 (14.11.2002)	1-10,11-20, 21-26
A	--	
A	DE 4337264 A1 (UPAT GMBH & CO.), 4 May 1995 (04.05.1995)	1-10,11-20, 21-26
A	--	
A	FR 1455976 A (M. JAMES HOWARD DONNELLY), 21 October 1966 (21.10.1966)	1-10,11-20, 21-26
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**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

See extra sheet.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: 1 - 26
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Box III.

Three groups of inventions are identified.

The first group includes the inventions according to claims 1-10 and 21-26. Claim 1 refers to a system for a chemically bonded material comprising an aqueous hydration liquid, a first binder phase of hydraulic ceramic powder material and a second binder phase of a non-ceramic substance (a polymer). The binder phases have different setting times, but are interacting.

The second group consists of the powdered material according to claim 11-20. The powder comprises a cement system, known in the art, and a second binder comprising a polycarboxyl-based substance.

The third group is a chemically bonded material according to claim 27, formed *in situ*, essentially consisting of an inorganic cement phase, a reactive soluble glass and a polyacrylate polymer.

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Information on patent family members

30/01/2005

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WO	03082765	A1	09/10/2003	CA	2477709 A	09/10/2003
				CA	2478319 A	09/10/2003
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				EP	1487757 A	22/12/2004
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				IN	142993 A	17/09/1977
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				AU	4671789 A	21/06/1990
				BE	1002916 A	06/08/1991
				CH	680340 A	14/08/1992
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				SE	8904240 A	17/06/1990

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				EP	0650942	A,B	03/05/1995
				SE	0650942	T3	
				ES	2119043	T	01/10/1998

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FR	1455976	A	21/10/1966	NONE
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